the high productivity medical monitor

A high-resolution, fast response display designed to meet the exacting requirements of healthcare professionals, the EN/IEC 60601-1 certified Philips 200P4MG gets the job done without interfering with sensitive medical instruments.

Best total cost of ownership solution
- EN/IEC 60601-1 certified for medical environments
- The lower power consumption than industry average
- Kensington anti-theft lock secures monitor against theft

Outstanding front of screen performance
- UXGA, 1600x1200 resolution for sharper display
- Fast response time capable of handling fast moving pictures
- sRGB ensures color matching between display and printouts
- Dual Input accepts both analog VGA and digital DVI signals
- Auto adjustment for perfect picture display with one touch

Maximum comfort for maximum productivity
- Large viewing area for seeing more images without scrolling
- Screen tilt and swivel adjustment for ideal viewing angle

Multi-function for ultimate convenience
- Audio speakers built into a display device without clutter
- Easy plug and play DVI ensures true digital experience
- Cable management for a tidy work space

BRILLIANCE

PHILIPS

20 inch LCD Monitor

Commercial Specifications

Picture/Display

LCD Panel Type	1600 x 1200 pixels, Anti-glare Polarizer, RGB Vertical Stripe
Panel Size	20.1"/ 51 cm
Effective Viewing Area	408 x 306 mm
Pixel Pitch	0.255 x 0.255 mm
Brightness (nits)	250
Contrast Ratio	400:1
Display Colors	16 M
Viewing Angle (C/R > 10)	- Horizontal : 176° - Vertical : 176°
Response Time	16 ms
White Chromaticity, 6500° K	x = 0.313 / y = 0.329
White Chromaticity, 9300° K	x = 0.283 / y = 0.297
Maximum Resolution	1600 x 1200 @ 60Hz
Recommended Resolution	1600 x 1200 @ 60Hz
Factory Preset Modes	15 modes
User Definable Modes	37 modes
Horizontal Scanning Frequency	30 - 94 KHz
Refresh Rate (V)	56 - 85 Hz
sRGB	Yes

Connectivity

Signal Input	Analog (VGA), DVI-D, PC Audio in
Audio Output	Stereo Audio (3.5 mm Headphone Jack) x1

Convenience

Built-in Audio	2W RMS x 2 Stereo Speakers
Convenience Enhancements	On-screen Display
Monitor Controls	Auto, Brightness Control, Left/Right, Menu (OK), Power On/Off, Up/Down, Volume Control, Input, Size
OSD Languages	English, French, German, Italian, Simplified Chinese, Spanish
Other Convenience Features	Kensington Lock
Plug & Play Compatibility	DDC/CI, Windows 98/ME/2000/XP
Regulatory Approvals	CE Mark, FCC-B, UL, CSA, MPRII, NUTEK, Energy Star, SEMKO, TCO'03, TÜV/GS, TÜV-Ergo EN/IEC60601-1
Swivel	+/- 175°
Tilt	-5° to 25°
VESA Mount	100 mm x 100 mm

Accessories

Included Accessories	AC Power Cord, PC Audio Cable, VGA Cable, DVI-D Cable
Optional Accessories	Video Module, Super Ergo Base

Dimensions

Depth (with base)	220 mm
Height (with base)	459 mm
Width (with base)	488 mm
MTBF	50,000 hrs
Relative Humidity	20 % - 80 %
Temperature Range (Operation)	5°C to 35°C
Temperature Range (Storage)	-20°C to 60°C
Weight	7.5 kg

Power

Complies With	Energy Star, NUTEK
Consumption	50 W (Typical)
Off Mode	1.5 W
Power LED Indicator	Operation, Blue; Stand by/Sleep, Amber
Power Supply	Built-in

Product Highlights

Medical grade (EN/IEC 60601-1)
EN/IEC 60601 is an international standard for medical equipment published by Technical Committee of the International Electrotechnical Commission, the leading global organization that prepares and publishes internaitonal standards for all electrical, electronic and related technologies. Sections of the standard govern general safety and electronic emissions. Compliance with stringent Medical Electrical Safety Standards (IEC 60601-1 / EN 60601-1) and Medical ECM Standards (IEC 60601-1-2, EN 60601-1-2) for medical monitors is a must for hospital equipment.

Lower power consumption
Reduction of the electrical power required to operate a device.

Kensington anti-theft lock
A security device that fixes the monitor in place to prevent theft.

UXGA, 1600 x 1200 resolution
For graphics monitors, the screen resolution signifies the number of dots (pixels) on the entire screen. For example, a 1600-by-1200 pixel screen is capable of displaying 1600 distinct dots on each of 1200 lines, or about 2 million pixels. This ensures a better display performance and accurate color display effect.

Fast response time
The amount of time it takes for a liquid crystal cell to go from active (black) to inactive (white) and back to active (black) again. It is measured in milliseconds. Lower numbers mean faster transitions and, therefore, result in fewer visible image artifacts.

sRGB ready
Calibrated RGB that is optimized for the vast majority of computer peripherals, monitors, operating systems and browsers, allowing accurate color mapping with very little data overhead.

Dual Input
Connectors to accommodate input of both analog VGA and digital DVI signals.

One touch auto adjustment
The auto adjustment key restores optimal screen position, phase and clock settings with the press of a single button - without navigation through OSD menus and control keys.

Large viewing area
The visible portion of a monitor screen available to display data.

Screen tilt and swivel
Movement of a screen to attain the ideal viewing angle.

Built-in Speakers
Audio speakers built into a display device.

In-box DVI cable
A DVI cable is shipped with product.

Cable management
A system that maintains tidy workspace by organizing cables and wires required for the operation of a display device.

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